

Potential impact of the Infrastructure Investment and Jobs Act for Commerce

POWER AND GRID

Grid Infrastructure & Resiliency

- Grant Program for Grid Resiliency: \$5 billion over 5 years
- Electric Grid Reliability and Resiliency Program: \$6 billion over 5 years, \$1 billion set-aside for rural/remote areas
- Transmission Facilitation Program: \$2.5 billion revolving loan fund
- Smart Grid Investment Matching Grant Program: \$3 billion
- State Energy Program: \$500 million over 5 years
- BPA Borrowing Authority: \$10 billion increase
- Columbia Basin Power Management: \$1.11 billion
- Rural/Municipal Utility Advanced Cybersecurity Grant and Technical Assistance Program: \$250 million
- Enhanced Grid Security: \$350 million (\$250 million for Energy Sector cybersecurity, \$50 million for Energy Sector cyber resilience, and \$50 million for modeling and assessing energy infrastructure risk)

Supply Chains for Clean Energy Technologies

- Battery Processing and Manufacturing: \$3.1 billion
- Electric Drive Vehicle Battery and Second-Life Applications: \$1 billion
- Advanced Energy Manufacturing and Recycling Grant Program: \$750 million

Fuels and Technology Infrastructure Investments

- Carbon Utilization Program: \$300 million for a new state and local grant program to procure and use captured carbon oxide products
- Carbon Capture Tech: \$100 million for transportation infrastructure deployment
- Carbon Dioxide Transportation Infrastructure Finance and Innovation: \$3 billion
- Carbon Removal: \$3.5 billion for direct air capture projects to establish four regional hubs
- Clean Hydrogen Programs: \$9.5 billion, establish four regional clean hydrogen hubs
- Civil Nuclear Credit Program: \$6 billion to establish and fund credit allocation process to certified nuclear reactors
- FY22 Hydropower Production Incentives: \$125 million
- FY22 Hydropower Efficiency Improvement Incentives: \$75 million
- FY22 Maintenance and Hydroelectricity Incentives: \$553.6 million
- Pumped Storage Hydropower Demonstration: \$10 million
- Offshore Energy Storage on the Outer Continental Shelf: permits offshore energy storage, including battery storage for offshore wind

Enabling Energy Infrastructure and Data Collection

- Legislation directs states to promote electrification throughout the transportation sector

Energy Efficiency and Building Infrastructure

- Energy Efficiency Revolving Loan Fund Capitalization Grant Program: \$250 million for FY22
- Energy Auditor Training Grant Program: \$40 million; states compete for funds to train individuals to conduct energy audits or surveys of commercial and residential buildings
- Sustained, Cost-Effective Implementation of Updated Building Energy Codes: \$225 million
- Building, Training, and Assessment Centers: \$10 million for grants to higher education orgs
- Career Skills Training: \$10 million for grants to career and technical education programs
- Future of Industry Program: \$550 million to establish industrial research and assessment centers

- State Manufacturing Leadership: \$50 million to states for smart manufacturing technologies
- Weatherization Assistance Program: \$3.5 billion in FY22
- Energy Efficiency and Conservation Block Grant Program: \$550 million
- Energy Storage Demonstration Projects: \$505 million
- Advanced Reactor Demonstration Program: \$3.21 billion

BROADBAND

- State Deployment Grants: \$40 billion with a 10% set-aside for high-cost areas
- Digital Equity Act: \$2.75 billion to establish NTIA formula and competitive programs around inclusion
- Rural Area Support: \$2 billion
- Tribal Grants: \$2 billion for Tribal Broadband Connectivity Program
- Private Activity Bonds: \$600 million to support deployment in rural areas
- Middle Mile Grants: establishes state grant program

RESILIENCY

- State, Local, Tribal and Territorial Grant Program: \$1 billion grant program over 4 years for cyber resiliency
- Building Resilient Infrastructure and Communities Program: \$1 billion
- Post-Consumer Materials Management Grants: \$275 million
- NOAA Marine Debris Programs: \$200 million
- Critical Mineral and Battery Recycling: \$150 million
- EPA Pollution Prevention Program: \$100 million
- RECYCLE Act: \$75 million for, among other things, grants for recycling education
- USDA Biproduct Pilot Program: \$10 million for higher education study of agricultural industrial symbiosis

PUBLIC TRANSIT

- \$39.2 billion for increased contract authority, zero- and low-emission bus grants, capital investment grants, and more

AIRPORTS

- \$25 billion for terminal projects and air traffic control infrastructure

PORTS AND WATERWAYS

- \$3.85 billion for Land Ports of Entry, including Northern ports
- \$912 million for ferry boat and terminal construction

ELECTRIC VEHICLE INFRASTRUCTURE

- \$7.5 billion for charging networks and alternative fuel corridors

This document represents the best current understanding of elements of the Infrastructure Investment and Jobs Act that could impact the Washington State Department of Commerce. We expect to communicate updated information as it becomes available.

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